Automotive-engine throttle-control system for stable cornering

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Abstract of **DE19712232**

The system is for a vehicle with front and rear wheels in pairs, one pair at least being driven by the engine. Evaluation is made of an instability value representing the vehicle stability round corners; the transverse acceleration of the vehicle; the coefficient of friction of the road surface; the limitation of braking effect of the driving wheels taking account of transverse acceleration and the coefficient of friction of the road surface; the limitation of engine braking torque taking account of the limitation of the driving wheel braking effect and the instability value; and the desired throttle setting corresponding to the limitation of engine braking torque. Throttling of the engine is then eased to the desired value where it is more severe than the latter.